

I CLAIM:

1. An internal sleeve in a double-lamp socket comprising:
 - a tubular socket having an upper opening, a lower opening,
a through hole in a middle periphery communicating to a
5 longitudinal slot in upper periphery, a pair of hooks each
facing a block plate symmetrically formed on lower opposing
outer peripheries so as to define a pair of gaps therebetween,
an elongate inlaid groove and a first short inlaid groove
symmetrically formed in upper opposing inner peripheries and
10 a second short inlaid groove in a lower inner periphery under
said first short inlaid groove;
 - a common contact plate disposed in said elongate inlaid
groove of said socket;
 - an internal sleeve disposed in said first short inlaid
15 groove and having a concave in a guide groove and a pair of
lateral sides stopped against a pair of lateral walls of said
first short inlaid groove;
 - a first electric wire inserted into said internal sleeve
via said through hole and having a first contact plate inlaid
20 into said concave of said internal sleeve;
 - a second electric wire inserted into said socket via said
through hole and having a second contact plate inlaid into
said second short inlaid groove;
 - a first lamp inserted into the upper opening of said
25 socket and having an inverse L-shaped stop plate on one side

of a base engaged within said longitudinal slot, a first bulb on top and a pair of lead-in wires attached to lateral side of said base respectively engaged with said common contact plate and said first contact plate;

5 a second lamp inserted into the lower opening of said socket and having a pair of L-shaped stop plates symmetrically formed on opposing outer peripheries of a base respectively engaged within said gaps, a second bulb on lower end and a pair of lead-in wires attached to lateral sides of said base
10 respectively engaged with said common contact plate and said second contact plate;

whereby, a series circuit is therefore constituted inside said socket.

2. The internal sleeve as recited in claim 1, wherein said
15 hooks are provided to hook said electric wires and a non-conductive wire.

3. The internal sleeve as recited in claim 1, wherein said double-lamp sockets are capable of making a string of Christmas lights and/or a network of Christmas lights by
20 adding a non-conductive wire therein.

4. An internal sleeve in a double-lamp socket comprising:
a tubular socket having an upper opening, a lower opening, a through hole in a middle periphery, a pair of hooks each facing a block plate symmetrically formed on lower opposing
25 peripheries so as to define a pair of gaps therebetween, an

elongate inlaid groove and a first short inlaid groove symmetrically formed in upper opposing inner peripheries, and a second short inlaid groove in a lower inner periphery under said first short inlaid groove;

5 a common contact plate disposed in said elongate inlaid groove of said socket;

a pair of first and second internal sleeves of same structure symmetrically and respectively disposed into said first and second short inlaid grooves each having a concave
10 in a guide groove and a pair of lateral sides stopped against a pair of lateral walls of said short inlaid grooves;

a first electric wire inserted into said socket via said through hole and having a first contact plate inlaid into said concave of said first internal sleeve;

15 a second electric wire inserted into said socket via said through hole and having a second contact plate inlaid into said concave of said second internal sleeve;

a first lamp inserted into the upper opening of said socket and having a bulb on top and a pair of lead-in wires
20 attached on lateral sides of a base respectively engaged with said common contact plate and said first contact plate;

a second lamp inserted into the lower opening of said socket and having a bulb on lower end of a base, a pair of L-shaped stop plates respectively engaged within said gaps
25 and a pair of lead-in attached on lateral sides of said base

respectively engaged with said common contact plate and said second contact plate;

whereby, a series circuit is therefore constituted inside said socket.

5 5. The internal sleeve as recited in claim 4, wherein said hooks are provided to hook said electric wires and a non-conductive wire.

6. The internal sleeve as recited in claim 4, wherein said double-lamp sockets are capable of making a string of
10 Christmas lights and/or a network of Christmas lights by adding a non-conductive wire therein.

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